

Claims

1. Mobile heat exchanger, comprising:

- at least one assembly of

- at least two generally rigid pipes for transport of a first medium, and

- a coupling element which interconnects the two pipes, and

- feed means and discharge means connected to the assembly for feeding and discharging of the first medium, respectively, the first medium being adapted for heating or cooling of a second medium surrounding the assembly, characterised in that, the coupling element can pivot, the pipes being connected in such a way to the pivoting coupling element that the pipes can be hinged with respect to one another between an active operating position in which the assembly has a relatively extended configuration and a non-operative transport position wherein the assembly has a relatively compact configuration.

2. Heat exchanger according to claim 1, characterised in that, the coupling element is at least partly formed by a tubular body.

3. Heat exchanger according to any of the preceding claims characterised in that the coupling element is at least partly elastic.

4. Heat exchanger according to claim 3, characterised in that coupling element is made of rubber, in particular ethylene propylene diene monomer (EPDM).

5. Heat exchanger in accordance with any of the preceding claims, characterised in that the pipes are connected at a distance from each other to the coupling element.

6. Heat exchanger according to claim 1, characterised in that, the outer diameter of each pipe is smaller than half the mutual distance between the pipes.

7. Heat exchanger according to any of the preceding claims, characterised in that the coupling element is provide with at least one mechanical hinge.

8. Heat exchanger according to any of the preceding claims, cit the assembly is provided with n pipes and a number of $(n-1)$ coupling elements for mutual connection of the n pipes, n being larger than two.
- 5 9. Heat exchanger according to any of the preceding claims, cit, the heat exchanger is provided with a plurality of assemblies, the assemblies being oriented one with respect to the other, in a substantially parallel manner.
- 10 10. Heat exchanger according to claim 9, characterised in that the assemblies are maintained at a mutual distance via at least one spacer attached to the assemblies.
11. Heat exchanger according to any of the preceding claims, characterised in that the piping is made of metal, in particular aluminium.
- 15 12. Heat exchanger according to any of the preceding claims, characterised in that the piping is coupled in an at least predominantly fluid tight manner via the coupling element both in the in operative configuration as in the transport configuration.
- 20 13. Assembly for use in a mobile heat exchanger according to one of claims 1-12.
14. System for providing a skating rink comprising a mobile heat exchanger according to claims 1-12, further comprising a cooling unit connected to the assembly for cooling the first medium.
- 25 15. System according to claim 14, cit, the system also comprises a housing at least partly surrounding the assembly for containing water.
16. System according to claim 14 or 15, characterised in that, the first medium is formed by glycol.
- 30 17. System according to any of claims 14-16, characterised in that the discharge means are coupled to the feed means for recirculation of the first medium.